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      MULTON, Marie-Christine
      POLARD-HOUSET, Valerie

<120> MEKK1-INTERACTING FHA PROTEIN (M1F1)

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<141> 2001-01-19

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Cys Asn Pro Leu Val Leu Phe Glu Ala Glu Ile Glu Lys Tyr Cys Pro
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Glu Asn Phe Val Asp Ile Lys Lys Thr Leu Glu Arg Glu Thr Arg Gln
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Cys Gln Ala Leu Val Ile Trp Thr Asp Cys Asp Arg Glu Gly Glu Asn
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Ile Gly Phe Glu Ile Ile His Val Cys Lys Ala Val Lys Pro Asn Leu
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Thr Ala Cys Glu Asn Leu Thr Glu Pro Asp Gln Arg Val Ser Asp Ala
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Gly Asp Glu Gln Arg Leu Tyr Glu Phe Ile Val Arg His Phe Leu Ala
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Cys Cys Ser Gln Asp Ala Gln Gly Gln Glu Thr Thr Val Glu Ile Asp
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Ile Ala Gln Glu Arg Phe Val Ala His Gly Leu Met Ile Leu Ala Arg
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Asn Tyr Leu Asp Val Tyr Pro Tyr Asp His Trp Ser Asp Lys Ile Leu
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Pro Val Tyr Glu Gln Gly Ser His Phe Gln Pro Ser Thr Val Glu Met
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Val Asp Gly Glu Thr Ser Pro Pro Lys Leu Leu Thr Glu Ala Asp Leu
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Glu His Ile Glu Thr Ile Lys Ala Arg Met Tyr Val Gly Leu Thr Pro
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Gly Pro Asn Arg Gly Arg Gln Phe Phe Lys Cys Asn Gly Gly Ser Cys
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Asn Phe Phe Leu Trp Ala Asp Ser Pro Asn Pro Gly Ala Gly Gly Pro
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Pro Ala Leu Ala Tyr Arg Pro Leu Gly Ala Ser Leu Gly Cys Pro Pro
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Val Gln Lys Asp Gly Pro Asn Lys Gly Arg Gln Phe His Thr Cys Ala
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Lys Pro Arg Glu Gln Gln Cys Gly Phe Phe Gln Trp Val Asp Glu Asn
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Thr Ala Pro Gly Thr Ser Gly Ala Pro Ser Trp Thr Gly Asp Arg Gly
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Arg Thr Leu Glu Ser Glu Ala Arg Ser Lys Arg Pro Arg Ala Ser Ser
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Asp Arg Met Leu Asp Met Gly Phe Glu Pro Gln Ile Arg Arg Ile Val
        35                  40                  45

Glu Gln Asp Thr Met Pro Pro Lys Gly Val Arg His Thr Met Met Phe
    50                  55                  60

Ser Ala Thr Phe Pro Lys Glu Ile Gln Met Leu Ala Arg Asp Phe Leu
65                  70                  75                  80

Asp Glu Tyr Ile Phe Leu Ala Val Gly Arg Val Gly Ser Thr Ser Glu
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Asn Ile Thr Gln Lys Val Val Trp Val Glu Glu Ser Asp Lys Arg Ser
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Phe Leu Leu Asp Leu Leu Asn Ala Thr Gly Lys Asp Ser Leu Thr Leu
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Val Phe Val Glu Thr Lys Lys Gly Ala Asp Ser Leu Glu Asp Phe Leu
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Tyr His Glu Gly Tyr Ala Cys Thr Ser Ile His Gly Asp Arg Ser Gln
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Arg Asp Arg Glu Glu Ala Leu His Gln Phe Arg Ser Gly Lys Ser Pro
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Ile Leu Val Ala Thr Ala Val Ala Ala Arg Gly Leu Asp Ile Ser Asn
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Val Lys His Val Ile Asn Phe Asp Leu Pro Ser Asp Ile Glu Glu Tyr
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Ala Gly Leu Asp Leu Asn Ser Ser Asp Asn Gln Ser Gly Gly Ser Thr
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Ala Ser Lys Gly Arg Tyr Ile Pro Pro His Leu Arg Asn Arg Glu Ala
        35                  40                  45

Thr Arg Gly Phe Tyr Asp Lys Asp Ser Ser Gly Trp Ser Ser Ser Lys
    50                  55                  60

Asp Lys Asp Ala Tyr Ser Ser Phe Gly Ser Arg Ser Asp Ser Arg Gly
65                  70                  75                  80
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Lys Ser Ser Phe Phe Ser Asp Arg Gly Ser Gly Ser Arg Gly Arg Phe
                  85   90   95

Asp Asp Arg Gly Arg Ser Asp Tyr Asp Gly Ile Gly Ser Arg Gly Asp
              100   105   110

Arg Ser Gly Phe Gly Lys Phe Glu Arg Gly Gly Asn Ser Arg Trp Cys
          115   120   125

Asp Lys Ser Asp Glu Asp Asp Trp Ser Lys Pro Leu Pro Pro Ser Glu
    130   135   140

Arg Leu Glu Gln Glu Leu Phe Ser Gly Gly Asn Thr Gly Ile Asn Phe
145   150   155   160

Glu Lys Tyr Asp Asp Ile Pro Val Glu Ala Thr Gly Asn Asn Cys Pro
              165   170   175

Pro His Ile Glu Ser Phe Ser Asp Val Glu Met Gly Glu Ile Ile Met
              180   185   190

Gly Asn Ile Glu Leu Thr Arg Tyr Thr Arg Pro Thr Pro Val Gln Lys
          195   200   205

His Ala Ile Pro Ile Ile Lys Glu Lys Arg Asp Leu Met Ala Cys Ala
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Gln Thr Gly Ser Gly Lys Thr Ala Ala Phe Leu Leu Pro Ile Leu Ser
225   230   235   240

Gln Ile Tyr Ser Asp Gly Pro Gly Glu Ala Leu Arg Ala Met Lys Glu
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Asn Gly Arg Tyr Gly Arg Arg Lys Gln Tyr Pro Ile Ser Leu Val Leu
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Ala Pro Thr Arg Glu Leu Ala Val Gln Ile Tyr Glu Glu Ala Arg Lys
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Phe Ser Tyr Arg Ser Arg Val Arg Pro Cys Val Val Tyr Gly Gly Ala
    290   295   300

Asp Ile Gly Gln Gln Ile Arg Asp Leu Glu Arg Gly Cys His Leu Leu
305   310   315   320

Val Ala Thr Pro Gly Arg Leu Val Asp Met Met Glu Arg Gly Lys Ile
              325   330   335

Gly Leu Asp Phe Cys Lys Tyr Leu Val Leu Asp Glu Ala Asp Arg Met
          340   345   350

Leu Asp Met Gly Phe Glu Pro Gln Ile Arg Arg Ile Val Glu Gln Asp
          355   360   365

Thr Met Pro Pro Lys Gly Val Arg His Thr Met Met Phe Ser Ala Thr
370   375   380

Phe Pro Lys Glu Ile Gln Met Leu Ala Arg Asp Phe Leu Asp Glu Tyr
385   390   395   400

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Ile Phe Leu Ala Val Gly Arg Val Gly Ser Thr Ser Glu Asn Ile Thr
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Gln Lys Val Val Trp Val Glu Glu Ser Asp Lys Arg Ser Phe Leu Leu
            420                 425                 430

Asp Leu Leu Asn Ala Thr Gly Lys Asp Ser Leu Thr Leu Val Phe Val
            435                 440                 445

Glu Thr Lys Lys Gly Ala Asp Ser Leu Glu Asp Phe Leu Tyr His Glu
        450                 455                 460

Gly Tyr Ala Cys Thr Ser Ile His Gly Asp Arg Ser Gln Arg Asp Arg
465                 470                 475                 480

Glu Glu Ala Leu His Gln Phe Arg Ser Gly Lys Ser Pro Ile Leu Val
                485                 490                 495

Ala Thr Ala Val Ala Ala Arg Gly Leu Asp Ile Ser Asn Val Lys His
                500                 505                 510

Val Ile Asn Phe Asp Leu Pro Ser Asp Ile Glu Glu Tyr Val His Arg
            515                 520                 525

Ile Gly Arg Thr Gly Arg Val Gly Asn Leu Gly Leu Ala Thr Ser Phe
    530                 535                 540

Phe Asn Glu Arg Asn Ile Asn Ile Thr Lys Asp Leu Leu Asp Leu Leu
545                 550                 555                 560

Val Glu Ala Lys Gln Glu Val Pro Ser Trp Leu Glu Asn Met Ala Tyr
                565                 570                 575

Glu His His Tyr Lys Gly Ser Ser Arg Gly Arg Ser Lys Ser Ser Arg
                580                 585                 590

Phe Ser Gly Gly Phe Gly Ala Arg Asp Tyr Arg Gln Ser Ser Gly Ala
        595                 600                 605

Ser Ser Ser Ser Phe Ser Ser Ser Arg Ala Ser Ser Ser Arg Ser Gly
    610                 615                 620

Gly Gly Gly His Gly Ser Ser Arg Gly Phe Gly Gly Gly Tyr Gly
625                 630                 635                 640

Gly Phe Tyr Asn Ser Asp Gly Tyr Gly Gly Asn Tyr Asn Ser Gln Gly
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Val Asp Trp Trp Gly Asn
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